



NBR O-Ring Technical Datasheet

Oil-resistant NBR (Nitrile Rubber) O-rings designed for hydraulic, pneumatic and industrial applications. Durable, reliable and suitable for -30°C to $+120^{\circ}\text{C}$.

Property	Value
Material	NBR (Nitrile Rubber)
Temperature Range	-30°C to $+120^{\circ}\text{C}$
Hardness, Shore A	70 (standard), 80, 90
Oil Resistance	Excellent
Fuel Resistance	Good
Compatibility with Silicone Oils	Good
Ozone Resistance	Not recommended
Ageing Resistance	Limited
Surface Imperfections	DIN ISO 3601-3, Grade S
Standards / Norms	DIN 3771, ISO 3601-1, BS 1806/AS 568 A, BS 4518
Typical Applications	Hydraulics, pneumatics, pumps, valves, cylinders